| L Number | Hits | Search Text | DB | Time stamp |
|---|---|---|---|---|
| 3 | 43 | 902/3.ccls. | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 4 | 1722 | 382/115-127.ccls. | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 5 | 21 | 902/3.ccls. and 382/115-127.ccls. | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 8 | 2466 | 382/115,117-118,154,173,282.ccls. 902/3.ccls. | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 9 | 756 | 382/115,117-118.ccls. | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 10 | 31 | 382/173.ccls. and 382/282.ccls. | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 13 | 517 | (kazuhiro near fukui) or (osamu near yamaguchi) | USPAT; US-PGPUB; JPO | 2004/02/23 12:34 |
| 28 | 318 | 382/118.ccls. | USPAT; US-PGPUB; JPO | 2004/02/23 12:34 |
| 32 | 5459 | (divid$3 segment$3 split$4 partition$3 seperat$3 separat$3) same (extract$3 with (feature$1 pupil$1 nostril$1 mouth$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:34 |
| 33 | 2870 | 382/115,117-118,154,173,190,282.ccls. 902/3.ccls. | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 35 | 3082 | (multiple plural flexible adjustable) near2 camera | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 36 | 241 | ((extract$3) near5 (feature$1 pupil$1 eye$1 nostril$1)) same (feature near pattern$1) | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 38 | 218 | ((extract$3) near2 (feature$1 pupil$1 eye$1 nostril$1)) same (feature near pattern$1) | USPAT; US-PGPUB | 2004/02/23 12:34 |
| 41 | 4627 | (divid$3 segment$3 split$4 partition$3 seperat$3 separat$3) same (extract$3 near2 (feature$1 characteristic$1 pupil$1 nostril$1 lip$1 mouth$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:35 |
| 42 | 36767 | (adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near (camera$1 ccd$ charge-coupled sensor$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:35 |
| 44 | 74392 | (adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:35 |
| 45 | 452 | 382/117-118.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:35 |
| 49 | 0 | 348/50.ccls. and (((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1)) same ((multiple or plurality) with (view$1 or viewpoint$1 or view-point$1 or (view adj point$1)) )) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:36 |
| 51 | 0 | (((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1)) same ((multiple or plurality) with (view$1 or viewpoint$1 or view-point$1 or (view adj point$1)) )) and 382/115-118.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:37 |
| 52 | 1230 | 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:37 |

| 53 | 2322 | 382/115-127.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:37 |
|---|---|---|---|---|
| 54 | 36767 | ((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near (camera$1 ccd$ charge-coupled sensor$1) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:37 |
| 55 | 37 | 340/5.82.ccls.  and 382/115-127.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:37 |
| 58 | 2466 | 382/115,117-118,154,173,282.ccls. 902/3.ccls. | USPAT; US-PGPUB | 2004/02/23 12:37 |
| 59 | 3643 | 382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls. | USPAT; US-PGPUB | 2004/02/23 12:37 |
| 60 | 1215 | 348/42-54.ccls. | USPAT; US-PGPUB | 2004/02/23 12:37 |
| 61 | 4766 | (382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) or 348/42-54.ccls. | USPAT; US-PGPUB | 2004/02/23 12:37 |
| 62 | 74392 | ((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:38 |
| 63 | 1446 | ((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1) ) same ((different alternative) with (position$1 or location$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:38 |
| 64 | 613 | ((382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) or 348/42-54.ccls.) and (((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1) ) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:38 |
| 68 | 479142 | KONDO near TETSUJIRO) (direction and face | USPAT; US-PGPUB | 2004/02/23 12:39 |
| 70 | 905 | 382/115-118.ccls. or 340/5.52,5.82.ccls. | USPAT; US-PGPUB | 2004/02/23 12:39 |
| 72 | 0 | zhang.in. and microsoft.an. | USPAT; US-PGPUB | 2004/02/23 12:39 |
| 74 | 3819 | microsoft.asn. | USPAT; US-PGPUB | 2004/02/23 12:39 |
| 75 | 120 | microsoft.asn. and pose | USPAT; US-PGPUB | 2004/02/23 12:39 |
| 77 | 881 | ((382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) or 348/42-54.ccls.) and (illumination) | USPAT; US-PGPUB | 2004/02/23 12:39 |
| 78 | 442 | ((382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) or 348/42-54.ccls.) and (illumination) and (average or mean) | USPAT; US-PGPUB | 2004/02/23 12:39 |
| 79 | 333 | ((382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) or 348/42-54.ccls.) and (illumination) and (averag$3 or mean) and (segment$3 or divid$3 or partition$3) | USPAT; US-PGPUB | 2004/02/23 12:39 |

| 89 | 1234 | camera$1 with arrang$3 with vertical$3 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/23 12:40 |
|-----|------|----------------------------------------|--------------------|-------------------|
| 90 | 555 | 382/116-118.ccls. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/23 12:40 |
| 92 | 520 | ((stor$3) near2 image$1) and (camera near number$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/23 12:40 |
| 93 | 75 | ((stor$3) near2 image$1) same (camera near number$3) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/02/23 12:40 |
| 95 | 239 | (stor$3) near2 position$1 near2 camera$1 | USPAT;<br>US-PGPUB | 2004/02/23 12:40 |
| 96 | 4847 | 382/115-118,154,173,190,282.ccls.<br>902/3.ccls. 348/42,47,50,78,153,159.ccls.<br>340/5.1,5.2,5.52,5.53,5.8-5.86.ccls. | USPAT;<br>US-PGPUB | 2004/02/23 12:40 |
| 97 | 1136 | (stor$3 determin$3) near2 position$1 near2 camera$1 | USPAT;<br>US-PGPUB | 2004/02/23 12:40 |
| 99 | 78 | (382/115-118,154,173,190,282.ccls.<br>902/3.ccls. 348/42,47,50,78,153,159.ccls.<br>340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) and<br>((stor$3 determin$3) near2 position$1<br>near2 camera$1 ) | USPAT;<br>US-PGPUB | 2004/02/23 12:41 |
| 101 | 0 | 09808939.pn. | USPAT;<br>US-PGPUB | 2004/02/23 12:41 |
| 1 | 1 | 20010031072.pn. | USPAT;<br>US-PGPUB | 2004/02/23 12:41 |
| 2 | 1 | 20030039380.pn. | USPAT;<br>US-PGPUB | 2004/02/23 12:41 |
| 6 | 22 | 902/3.ccls. not (902/3.ccls. and<br>382/115-127.ccls.) | USPAT;<br>US-PGPUB | 2004/02/23 12:41 |

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|---|---|---|---|---|
| 7 | 49 | ("5590261"<br>"5754677"<br>"5911001"<br>"4840470"<br>"5710833"<br>"6097833"<br>"4839721"<br>"6037590"<br>"6118535"<br>"6188786"<br>"4273415"<br>"5012270"<br>"5202728"<br>"5293467"<br>"5307170"<br>"5353053"<br>"5363454"<br>"5386264"<br>"5689581"<br>"5692063"<br>"5729326"<br>"5734933"<br>"5760415"<br>"5764814"<br>"5778098"<br>"5796855"<br>"5930383"<br>"5933535"<br>"5946419"<br>"5946041"<br>"5949919"<br>"5959673"<br>"6047134"<br>"6061468"<br>"6061468"<br>"6105072"<br>"6112207"<br>"6148108"<br>"6167142"<br>"6240423"<br>"4293186"<br>"4339659"<br>"4389107"<br>"4428652"<br>"4470676"<br>"4474459"<br>"4478482"<br>"4479329"<br>"4533242"<br>"4538173").pn. | USPAT;<br>US-PGPUB | 2004/02/23 12:41 |
| 11 | 1 | 382/115,117-118.ccls. and (382/173.ccls.<br>and 382/282.ccls.) | USPAT;<br>US-PGPUB | 2004/02/23 12:41 |
| 12 | 12 | 382/115,117-118.ccls. and (382/154.ccls.) | USPAT;<br>US-PGPUB | 2004/02/23 12:41 |
| 14 | 36 | (kazuhiro adj fukui) or (osamu adj<br>yamaguchi) | USPAT;<br>US-PGPUB;<br>JPO | 2004/02/23 12:41 |
| 15 | 1 | 6608914.pn. | USPAT;<br>US-PGPUB;<br>JPO | 2004/02/23 12:41 |
| 16 | 7 | ("3805238" \| "5550928" \| "5559504" \|<br>"5901244" \| "6049875" \| "6118888" \|<br>"6230126").PN. | USPAT | 2004/02/23 12:41 |
| 17 | 7 | ("4055833" \| "4975969" \| "5063603" \|<br>"5283859" \| "5319606" \| "5414803" \|<br>"5692115").PN. | USPAT | 2004/02/23 12:41 |
| 18 | 7 | ("4975969" \| "5471542" \| "5805745" \|<br>"5835616" \| "6055330" \| "6188777" \|<br>"6301370").PN. | USPAT | 2004/02/23 12:41 |
| 19 | 4 | ("4860216" \| "4975969" \| "6243488" \|<br>"6434278").PN. | USPAT | 2004/02/23 12:41 |

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|---|---|---|---|---|
| 20 | 15 | ("5179441" \| "5359362" \| "5710875" \| "5727080" \| "5917936" \| "5917937" \| "6047078" \| "6115052" \| "6301370" \| "6314211" \| "6326972" \| "6381302" \| "6434260" \| "6499025" \| "6526161" \| "2002/0110273" \| "2003/0038875").PN. | USPAT | 2004/02/23 12:41 |
| 21 | 11 | ("4260229" \| "4769845" \| "5608839" \| "5625704" \| "5715325" \| "5771306" \| "5835616" \| "5884257" \| "6014625" \| "6028960" \| "6072903").PN. | USPAT | 2004/02/23 12:41 |
| 22 | 1 | jp-11196398-a.did. | USPAT; US-PGPUB; JPO | 2004/02/23 12:41 |
| 23 | 22 | (ICHIKI near HIROSHI) and (KONDO near TETSUJIRO) | USPAT; US-PGPUB; JPO | 2004/02/23 12:41 |
| 24 | 1 | 20030206645.pn. and (feature adj pattern$1) | USPAT; US-PGPUB; JPO | 2004/02/23 12:41 |
| 25 | 1 | 4975969.pn. | USPAT; US-PGPUB; JPO | 2004/02/23 12:41 |
| 26 | 77 | 4975969.URPN. | USPAT | 2004/02/23 12:41 |
| 27 | 5 | ("3805238" \| "4135147" \| "4154114" \| "4386266" \| "4729128").PN. | USPAT | 2004/02/23 12:41 |
| 29 | 60 | 382/117-118.ccls. and (382/190.ccls. or 382/173.ccls.) | USPAT; US-PGPUB; JPO | 2004/02/23 12:41 |
| 30 | 798 | 382/173.ccls. | USPAT; US-PGPUB; JPO | 2004/02/23 12:41 |
| 31 | 451 | 382/173.ccls. | USPAT | 2004/02/23 12:41 |
| 34 | 258 | ((divid$3 segment$3 split$4 partition$3 seperat$3 separat$3) same (extract$3 with (feature$1 pupil$1 nostril$1 mouth$1))) and (382/115,117-118,154,173,190,282.ccls. 902/3.ccls.) | USPAT; US-PGPUB | 2004/02/23 12:41 |
| 37 | 10 | (((divid$3 segment$3 split$4 partition$3 seperat$3 separat$3) same (extract$3 with (feature$1 pupil$1 nostril$1 mouth$1))) and (382/115,117-118,154,173,190,282.ccls. 902/3.ccls.)) and ((multiple plural flexible adjustable) near2 camera) | USPAT; US-PGPUB | 2004/02/23 12:41 |
| 39 | 1 | 5164992.pn. | USPAT; US-PGPUB | 2004/02/23 12:41 |
| 40 | 34 | (382/115,117-118,154,173,190,282.ccls. 902/3.ccls.) and (((extract$3) near2 (feature$1 pupil$1 eye$1 nostril$1)) same (feature near pattern$1) ) | USPAT; US-PGPUB | 2004/02/23 12:41 |
| 43 | 38 | ((divid$3 segment$3 split$4 partition$3 seperat$3 separat$3) same (extract$3 near2 (feature$1 characteristic$1 pupil$1 nostril$1 lip$1 mouth$1)) ) and 382/117-118.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:41 |
| 46 | 31 | ((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near (camera$1 ccd$ charge-coupled sensor$1) ) and 382/117-118.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:41 |
| 47 | 9 | ((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1)) same (((multiple or plurality) adj (image$1)) with (different near position$1)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:41 |
| 48 | 35 | 348/50.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:41 |

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|---|---|---|---|---|
| 50 | 207 | ((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1)) same ((multiple or plurality) with (view$1 or viewpoint$1 or view-point$1 or (view adj point$1)) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 56 | 11 | 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls. and (((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near (camera$1 ccd$ charge-coupled sensor$1) ) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 57 | 61 | 340/5.82.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 65 | 4 | ICHIKI near HIROSHI | USPAT; US-PGPUB | 2004/02/23 12:42 |
| 66 | 51 | ((382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) or 348/42-54.ccls.) and (((adjust$4 move$4 flexible reposition$3 (chang$3 near position$)) near2 (camera$1 ccd$ charge-coupled sensor$1) ) same ((different alternative) with (position$1 or location$1)) ) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 67 | 302 | KONDO near TETSUJIRO | USPAT; US-PGPUB | 2004/02/23 12:42 |
| 69 | 15 | KONDO near TETSUJIRO) and (direction and face | USPAT; US-PGPUB | 2004/02/23 12:42 |
| 71 | 80 | (382/115-118.ccls. or 340/5.52,5.82.ccls.) and ((mov$5 or adjust$4) near2 camera$1) | USPAT; US-PGPUB | 2004/02/23 12:42 |
| 73 | 34 | zhang.in. and microsoft.asn. | USPAT; US-PGPUB | 2004/02/23 12:42 |
| 76 | 19 | microsoft.asn. and pose and recognition | USPAT; US-PGPUB | 2004/02/23 12:42 |
| 80 | 4 | ((382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) or 348/42-54.ccls.) and ((illumination) same (averag$3 or mean) same (segment$3 or divid$3 or partition$3)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 81 | 4 | ("4109237" \| "4620318" \| "4641349" \| "5016282").PN. | USPAT | 2004/02/23 12:42 |
| 82 | 85 | 4641349.URPN. | USPAT | 2004/02/23 12:42 |
| 83 | 15 | ("4741046" \| "4866784" \| "4916744" \| "5003616" \| "5034986" \| "5243418" \| "5268967" \| "5282061" \| "5555318" \| "5748755" \| "5748775" \| "5768412" \| "5903660" \| "5982943" \| "6141435").PN. | USPAT | 2004/02/23 12:42 |
| 84 | 30 | ((382/115,117-118,154,173,282.ccls. 902/3.ccls. 382/116.ccls. or 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) or 348/42-54.ccls.) and ((illumination or brightness) same (averag$3 or mean)) same (segment$3 or divid$3 or partition$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 85 | 2 | 20030206645.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 86 | 2 | 4975969.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 87 | 323 | 382/118.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |

| 88 | 11 | 382/116-118.ccls. and 382/154.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
|---|---|---|---|---|
| 91 | 7 | (camera$1 with arrang$3 with vertical$3) and 382/116-118.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 94 | 1 | ((stor$3) near2 image$1) same (stor$3 near camera near number$3) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2004/02/23 12:42 |
| 98 | 14 | (382/115-118,154,173,190,282.ccls. 902/3.ccls. 348/42,47,50,78,153,159.ccls. 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) and ((stor$3) near2 position$1 near2 camera$1 ) | USPAT; US-PGPUB | 2004/02/23 12:42 |
| 100 | 64 | ((382/115-118,154,173,190,282.ccls. 902/3.ccls. 348/42,47,50,78,153,159.ccls. 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) and ((stor$3 determin$3) near2 position$1 near2 camera$1 )) not ((382/115-118,154,173,190,282.ccls. 902/3.ccls. 348/42,47,50,78,153,159.ccls. 340/5.1,5.2,5.52,5.53,5.8-5.86.ccls.) and ((stor$3) near2 position$1 near2 camera$1 )) | USPAT; US-PGPUB | 2004/02/23 12:42 |
| 102 | 1 | 20030206645.pn. | USPAT; US-PGPUB | 2004/02/23 12:42 |